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DTO C'd PCT/PTO 0 2 DEC 2004

MATI-223US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appln. No:

To Be Assigned

Applicant:

Shaomin Samuel Mo et al.

Filed:

Herewith

Title:

USING MULTIPLE RECEIVE ANTENNAS TO DETERMINE THE LOCATION

OFA TRANSMITTER WITH RESPECT TO A RECEIVER IN ULTRA WIDEBAND

SYSTEMS

TC/A.U.:

To Be Assigned
To Be Assigned

Examiner: Docket No.:

MATI-223US

INFORMATION DISCLOSURE STATEMENT

Mail Stop PCT Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

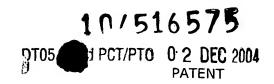
Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98 and to the duty of disclosure set forth in 37 C.F.R. § 1.56, the Examiner in charge of the above-identified application is requested to consider and make of record the references listed on the PTO 1449 (RP) submitted herewith.

Although the information submitted herewith may be "material" to the Examiner's consideration of the subject application, this submission is not intended to constitute an admission that such information is "prior art" as to the claimed invention.

In accordance with 37 C.F.R. § 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made.

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This Information Disclosure Statement is being filed concurrently with the above-referenced application.

Respectfully submitted,

Kenneth N. Nigon, Reg. No. 31,549 Stephen J. Weed, Reg. No. 45,202

Attorneys for Applicants

SJW/tmb

Dated: December 2, 2004

P.O. Box 980 Valley Forge, PA 19482 (610) 407-0700

The Commissioner for Patents is hereby authorized to charge payment to Deposit Account No. 18-0350 of any fees associated with this communication.

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I hereby certify that this paper and fee are being deposited, under 37 C.F.R. § 1.10 and with sufficient postage, using the "Express Mail Post Office to Addressee" service of the United States Postal Service on the date indicated above and that the deposit is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, yA 22313-1450.

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PCT/PTO 0 2 DEC 2004 PTO/SB/08a (08-03) (AW 10/2003)

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Substitute for Form 1449A/PTO		Complete if Known	
	Application Number	To Be Assigned	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)	Filing Date	Herewith	
	First Named Inventor	Shaomin Samuel Mo et al.	
	Art Unit	To Be Assigned	
	Examiner Name To Be Assigned	To Be Assigned	

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SHEET 1 of 1		Attorney Docket No.		MATI-223US					
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Examiner Initials*	Cite No.1	Number - Kind Code ^{2 (If known)}	Publication (MM-DD-Y				nt	Relevant Passages or Relevan Figures Appear	
	1	US-2002/0145564 A1	10/10/2002 08/29/1995 04/25/2000		Stilp et al.				
	2	US-5,446,701			Utke et al. Fontana				
	3	US-6,054,950							
	4	US-6,300,904 B1	10/09/200	01	Dvorak et a	al.			
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2 See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.

3 Enter Office that issued the document, by the two-letter code (WIPO Standard St.3).

4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible.

6 Applicant is to place a check mark here if English language translation is attached.

The collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.